ADDENDUM TO FACT SHEET
Permit No. WA-000261-5
Todd Pacific Shipyards Corporation

This is an addendum to the fact sheet accompanying NPDES Permit No. WA-000261-5, which was issued to Todd Pacific Shipyards Corporation (Todd) on September 16, 2002. The following revision is made as a result of a recent change being undertaken at the wastewater treatment system by Todd, and the settlement negotiations conducted between Todd and the Puget Soundkeepers Alliance.

PROPOSED MODIFICATION FOR THE PERMIT

Special Condition S1.A.II on page 5 of the permit: The first paragraph will be revised to reflect the recently constructed treatment system at the shipyard. The paragraph will be revised to read as follows: "Beginning on the issuance date of this permit and lasting through the startup date of the stormwater treatment system selected through AKART analysis (the contaminated industrial stormwater collection and treatment system), or December 31, 2003, whichever is sooner, the Permittee is authorized to discharge stormwater from Outfall 004 and Outfall 005 subject to the following effluent limitations":

Special Condition S1.A.II on page 6 of the permit: A footnote for turbidity will be added to the table which reads, " [c]If background turbidity is greater than 50 NTU, the turbidity of the stormwater shall not exceed the background turbidity by greater than 10%."

Special Condition S1.B.III on page 6 of the permit, will be removed and replaced with the following section which addresses the new emergency overflow Outfall OA. (The existing Outfall 004 and 005 will be closed to contaminated industrial stormwater discharges.):

III. <u>Stormwater Discharges: Emergency Overflow (Outfall OA) from the Contaminated Industrial Stormwater Collection and Treatment System</u>

Beginning upon the startup of the stormwater treatment system selected through AKART analysis (the Contaminated Industrial Stormwater Collection and Treatment System), and lasting through the expiration date of this permit, the Permittee is authorized to discharge stormwater from Outfall OA (see Figure 2) under Emergency Overflow Conditions, described below, subject to the effluent limitations listed in the table below and the Bypass provisions in S4.B of this permit. The manual overflow valve shall be closed once the puddles have been drained, and/or the discharge to the sanitary sewer has occurred. The Permittee must obtain authorization to discharge from Seattle Public Utilities.

Emergency Overflow Conditions are defined as follows: (1) When the first flush of a storm volume greater than the 10-year storm volume has been collected in on-site detention tanks and puddles form in the catch basins due to automatic pump station shutdown when detention tanks are full, are either potentially damaging facility equipment and/or the health and safety of workers, or are observed to be nearing the condition where the threaten to flow over the edge of the facility into surface waters or; (2) when the City of Seattle requests Todd's discharge to the sanitary to be ceased due to emergency situations that the City encounters.

EFFLUENT LIMITATIONS: EMERGENCY OVERFLOW (OUTFALL OA)	
Parameter	**Maximum Daily[a]**
Oil and Grease	5 mg/L
Turbidity	5 NTU above background[c]
Total Suspended Solids	45 mg/L
Copper (total recoverable)	5.78 µg/L[b]
Lead (total recoverable)	221 µg/L
Zinc (total recoverable)	95 µg/L[b]
[a]The maximum daily effluent limitation is defined as the highest allowable daily discharge.	
[b]If the Permittee is unable to meet the limits listed above for copper or zinc on a consistent basis, the Permittee may conduct the studies as outlined in Special Conditions S6 and S7 in order to set alternate final effluent limits. If the Department agrees to alternate final effluent limits, such limits will set forth in a major permit modification.	
[c]If the background turbidity is greater than 50 NTU, the turbidity of drydock flood water shall not exceed a 10% increase over background.	

Special Condition S2.B.I on page 8 of the permit, the first paragraph will be clarified to read as follows: "Stormwater Discharge From Outfall 004 and Outfall 005: For the period of time that the interim effluent limits listed in S1.A.II apply, stormwater discharge from Outfall 004 and Outfall 005 shall be sampled according to the following schedule":

Special Condition S2.B.II on page 9 of the permit: This new section will be added to include the emergency overflow Outfall OA, which reads as follows:

II. Stormwater Discharges: Emergency Overflow (Outfall OA) from the Contaminated Industrial Stormwater Collection and Treatment System

Emergency Overflow discharges to Outfall OA from the Contaminated Industrial Stormwater Collection and Treatment System shall be sampled according to the following schedule:

Test	Sampling Frequency	Sample Type[a]
Oil and Grease	1/month, as necessary	Grab
Total Suspended Solids	1/month, as necessary	Grab
Turbidity	1/month, as necessary	Grab
Copper[b] (total recoverable)	1/month, as necessary	Grab
Lead[c] (total recoverable)	1/month, as necessary	Grab
Zinc[d] (total recoverable)	1/month, as necessary	Grab
Background Turbidity[e]	1/month, as necessary	Grab
Tin[f] (total)	As necessary	Grab
[a] Samples shall be collected once a month at Outfall OA during the first hour after the Emergency Overflow valve has been opened. If the outfall is submerged, the sample shall be taken at the sampling spigot located in the valve manhole, upstream of the outfall. The Permittee shall request permission to use data gathered after the first hour of the storm event if it is not possible to grab a sample in the first hour. If no discharge occurs in a given month, this fact shall be clearly stated on that month's discharge monitoring report.		
[b] The method detection level (MDL) for copper shall be 1 µg/L using graphite furnace atomic absorption spectrometry and EPA method number 220.2 from 40 CFR Part 136. The quantitation level (QL) shall be no less than 5 µg/L (5 x MDL). The Permittee may request approval for an alternative procedure which will provide the same or a lower MDL and QL.		
[c] The MDL for lead shall be no less than 1 µg/L using graphite furnace atomic absorption spectrometry and method number 239.2 from 40 CFR Part 136. The QL shall be no less than 5 µg/L (5 x MDL). The Permittee may request approval for an alternative procedure which will provide the same or a lower MDL and QL.		
[d] The MDL for zinc shall be 2 µg/L using inductively coupled plasma and method number 200.7 from 40 CFR Part 136. The QL shall be 10 µg/L (5 x MDL). The Permittee may request approval for an alternative procedure which will provide the same or a lower MDL and QL.		
[e] Background turbidity samples shall be taken at a location which is upstream from the facility which is representative of the water quality prior to any discharge from the shipyard and shall be representative of the background turbidity at the time the stormwater sample is taken.		
[f] The Permittee shall monitor for total tin when work is done on a ship which contains tributyltin bottom paint.		

Special Condition S4.A on page 12 of the permit, the first sentence will be revised to read as follows: "The Operation and Maintenance (O& M) Manual for the Contaminated Industrial Stormwater Collection and Treatment System shall be submitted to the Department for approval no later than March 15, 2004."

Special Condition S4.A.1 on page 12 of the permit: The word "plant" will be replaced with the word "system."

Special Condition S4.A.2 on page 12 of the permit will be clarified to read as follows: "Plant maintenance procedures for areas of the facility that have the potential to contribute to surface water pollution."

Special Condition S4.A on page 13 of the permit: The submittal date listed in the first sentence of the last paragraph will be revised to read as follows: "An updated Treatment System Operating Plan shall be submitted to the Department whenever changes or updates are incorporated into the plan."

Special Condition S5. on page 15 of the permit: Since item A has been completed, item A and B will be removed and replaced with the following language: "No later than December 31, 2003, the construction of the stormwater treatment system selected through AKART analysis (the Contaminated Industrial Stormwater Collection and Treatment System) shall be completed and operational."

Special Condition S6. on page 15 of the permit: The first paragraph will be corrected to reflect the changes as proposed above, to read as follows: "If, after completion of Special Condition S5 above, the Permittee is unable to meet the final effluent limits of S1.B.III, based on Water Quality Marine Acute Criteria for copper and zinc, on a consistent basis, the Permittee shall conduct the following Effluent Mixing Study."

Special Condition S6.A on page 16 of the permit, the following sentence will be added to the end of this section: "Compliance with this condition does not relieve the Permittee of the duty to comply with all other permit conditions."

Special Condition S7. on page 18 of the permit: The first sentence will be clarified to read as follows: "If the Permittee conducts an effluent mixing study as described in S6 of this permit, the receiving water and effluent mixing study shall be conducted simultaneously."

Special Condition S7. on page 18 of the permit: A sentence will be added after the first paragraph which reads as follows: "Compliance with this condition does not relieve the Permittee of the duty to comply with all other permit conditions."

PUBLIC NOTICES

The proposed changes to this permit are considered to constitute a major modification under 40 CFR 122.62. Consequently, the draft permit modification is required to be published for a thirty (30)-day public review and comment period. This modification will be published in the *Seattle Times*. The final modification is contingent upon the outcome of the public review and comment period.